

Thursday, June 15, 2000

## TDRS wrapped and ready to be shipped into orbit



## Space relic restored, to start U.S. tour at Visitor Complex



▲ **ELV Update:** The TDRS-H satellite was moved Monday to a payload mating adapter. On Tuesday, TDRS was encapsulated in the Atlas nose fairing (left) and will be transported Friday to Launch Complex 36A, Cape Canaveral Air Force Station. Three and a half minutes after launch, the fairing is jettisoned. TDRS is scheduled to be launched June 29 at 8:38 a.m. EDT. There is a 40-minute window.

▲ **Liberty Bell 7 On Display:** A relic from early space history, the Mercury capsule that was launched July 21, 1961, has been restored and will be on display at the KSC Visitor Complex starting June 17 as part of the Liberty Bell 7 Space Capsule Exhibit. The full story can be read in the coming June 16 issue of *Spaceport News*.

◆ **Toastmasters Club** KSC 3695 meets every Wednesday, from 11:15 a.m. until 12:30 p.m., in HQ, room 2201. This week's training session included a presentation on session working positions and officer duties, in honor of the new Toastmasters Officer year. Visitors are invited. For more information, please contact Dian Hardison at 867-6527, or Derwood McKinley at 867-0827.

◆ **Space Settlement Design Competition --** A science research class, led by teacher Suzy Behel, at Lake Brantley High School, Orlando, will be conducting a Space Settlement Design competition during both of their Summer Institutes. These will be set up like the International Space Settlement Design competition with JPL, with the added requirement of doing actual experiments with tomato seeds and Fast Plants. Eight student groups will present their projects on June 22 and on July 13 (both days, 7:30 to 11 a.m., lunch provided). Anyone who would like to participate as a judge for one or both of these student presentations, please call Tom Dreschel at 867-2926.

◆ **Safety Tip:** Using seat belts saves lives. Employees at KSC are expected to use their seat belts at all times when driving, in compliance with the Florida statute and national policy. KSC and CCAFS are joining the "Buckle Up America" campaign. SGS Security is checking seat belt use at gates around the Center and at CCAFS.



◆ **Did You Know?** NASA developed a software package to measure the concentration of a target gas. It determines the degree to which molecules of that gas absorb an infrared beam. Commercially, the technology was developed as the Stak-Tracker Continuous Emission Monitor (CEM), capable of separating the various gases in bulk smokestack exhaust streams and determining the amount of individual gases present within the stream for compliance with smokestack emission standards.

KSC Countdown is published every Tuesday & Thursday.

Deadlines: 10 a.m. the day before. Send information, comments or questions to:

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Countdown on the Internet -- <http://www-pao.ksc.nasa.gov/kscpao/ksccount/2000/2000.htm>